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ABSTRACT

A user sends a request signal to a delivery management server 60 by utilizing a mobile station 10 in response to a broadcast service provided by a broadcast station 70. The request signal includes a music song ID of music song data segments which the user wants to be delivered and also an address of the destination to which the music song data segments be delivered. Upon the receipt of the request signal, the delivery management server 60 returns, in the case of unpopular songs, the music song data segments and a decrypting key for decrypting the data segments, and on the other hand, it returns, in the case of popular songs, only the decrypting key to the mobile station 10 or a STB 40. The mobile station 10 or the STB 40 decodes, in the case of unpopular songs, the music song data segments received from the delivery management server 60 by utilizing the decrypting key therefor and on the other hand, it receives, in the case of popular songs, the music song data segments in the broadcast waves provided from the broadcast station 70 and then decrypts data segments by utilizing the decrypting key received from the delivery management server 60.

(54) Title: INFORMATION DISTRIBUTION SYSTEM, MOBILE COMMUNICATION TERMINAL, AND INFORMATION DISTRIBUTION METHOD

(54) 発明の名称: 情報配信システム、移動通信端末及び情報配信方法

20...MOBILE DATA COMMUNICATION NETWORK
30...FIXED DATA COMMUNICATION NETWORK
40...SET TOP BOX
50...AUDIO/VIDEO DEVICE
60...DISTRIBUTION MANAGEMENT SERVER
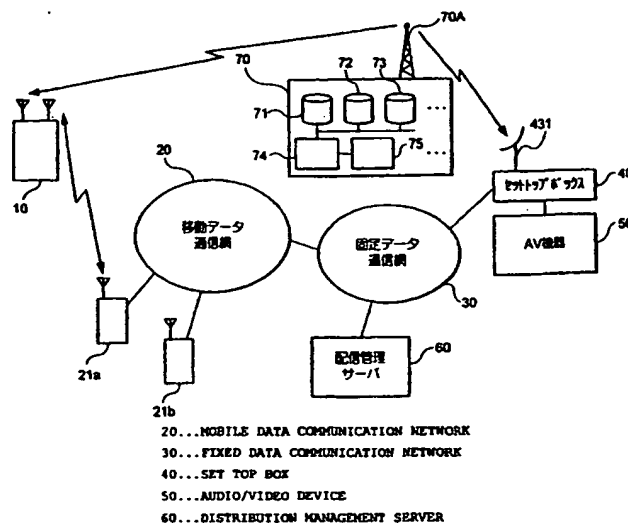
(57) Abstract: Using a mobile station (10), a user sends a signal for requesting a broadcast station (70) to distribute music to a distribution management server (60). The request signal contains a tune ID on the tune that the user wants to be distributed and the address where the user wants it to be distributed. When the distribution management server (60) receives a request signal, if the tune is unpopular, the tune data and a decoding key to decode the tune data are sent to the mobile station (10) or an STB(40); however, if popular, only the decoding key is sent to the mobile station (10) or the STB (40). The mobile station (10) or the STB (40), if unpopular, decodes the tune data received from the distribution management server (60) with the decoding key; however, if popular, it receives the tune data through the broadcasting wave supplied from the broadcasting station (70) and decodes the tune data with the decoding key received from the distribution management server (60).

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